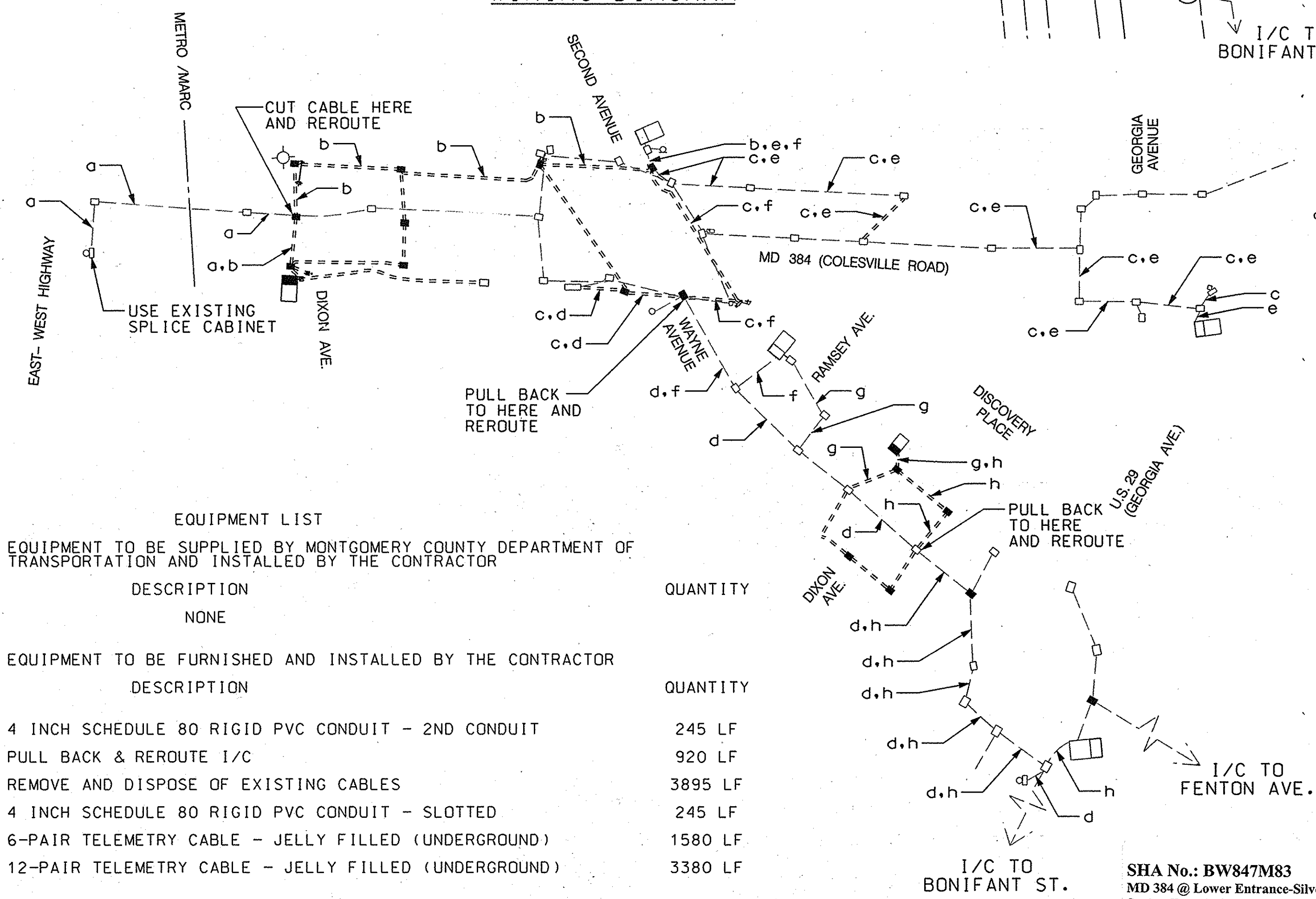


CONSTRUCTION DETAILS

- A - USE PROPOSED HAND HOLE. COIL 30' OF EXTRA CABLE DURING MOT PHASE 1 OF COLESVILLE AT LLE SIGNAL PLAN FOR ULTIMATE CONNECTION OF INTERCONNECT TO NEW CABINET AT LOWER LEVEL ENTRANCE. CUT INTERCONNECT CABLE WHEN NEW SIGNAL CABINET IS INSTALLED. RUN BOTH ENDS TO NEW SIGNAL CABINET AND SPLICE.
- B - ONCE NEW SIGNAL CABINET IS INSTALLED AT LOWER LEVEL ENTRANCE. INSTALL CUT INTERCONNECT CABLE THAT WAS ORIGINALLY INSTALLED IN MOT PHASE 1 OF COLESVILLE AT LLE SIGNAL PLAN. INSTALL ONE 12 PAIR COMMUNICATION CABLE FROM EXISTING SPLICE CABINET AT MD384 AND MD410 AND ONE 12 PAIR COMMUNICATION CABLE FROM EXISTING SIGNAL CABINET AT MD384 AT SECOND AVE/WAYNE AVENUE.
- C - INSTALL ONE NEW 12 PAIR COMMUNICATION CABLE TO PROPOSED CABINET AT MD384 AT LOWER LEVEL ENTRANCE. ONE NEW 12 PAIR COMMUNICATION CABLE TO EXISTING CABINET AT WAYNE AVE. AND RAMSEY AVE. ONE NEW 12 PAIR COMMUNICATION CABLE TO EXISTING CABINET AT MD384/US29 (COLESVILLE RD.) AND MD97/US29 (GEORGIA AVE.)
- D - USE PROPOSED HANDHOLE. PULL BACK EXISTING 6 PAIR COMMUNICATION CABLE THAT RUNS FROM COLESVILLE RD. AT SECOND AVE./WAYNE AVE. TO US 29 (GEORGIA AVE.) AND REROUTE IN PROPOSED CONDUIT TO EXISTING SPLICE BOX AT MONTGOMERY COUNTY CAMERA AS SHOWN ON PLANS.
- E - INSTALL ONE NEW 12 PAIR COMMUNICATION CABLE TO EXISTING CABINET AT MD384 AND SECOND AVE./WAYNE AVE AND ONE NEW 12 PAIR COMMUNICATION CABLE TO PROPOSED CABINET AT WAYNE AVE. AND DIXON AVE.
- F - INSTALL ONE NEW 12 PAIR COMMUNICATION CABLE TO EXISTING CABINET AT WAYNE AVE AND RAMSEY AVE. INSTALL REROUTED 12 PAIR COMMUNICATION CABLE FROM US29 (GEORGIA AVE.) AND WAYNE AVENUE.
- G - USE EXISTING HANDHOLE. PULL BACK EXISTING 12 PAIR COMMUNICATION CABLE FROM WAYNE & RAMSEY AND REROUTE TO PROPOSED CABINET AT WAYNE AVENUE AND DIXON AVENUE AS SHOWN ON PLANS.
- H - USE EXISTING CAMERA. INSTALL NEW 6 PAIR COMMUNICATION CABLE FROM MD384/US29 (COLESVILLE RD.) AND MD97/US29 (GEORGIA AVENUE) AS SHOWN ON PLANS. REROUTE EXISTING 6 PAIR COMMUNICATION CABLE FROM GEORGIA AVE. AT WAYNE AVE. AS SHOWN ON PLANS.
- J - USE EXISTING CONDUIT.
- K - USE EXISTING HANDHOLE.
- L - USE PROPOSED HANDHOLE.
- M - USE PROPOSED CONDUIT.
- N - USE EXISTING CABINET. EXISTING 12 PAIR COMMUNICATION CABLE TO WAYNE/RAMSEY SHALL BE REROUTED TO PROPOSED CABINET AT WAYNE/DIXON.
- O - USE EXISTING CABINET. REMOVE EXISTING 12 PAIR COMMUNICATION CABLE TO EXISTING SPLICE CABINET IN MEDIAN OF MD384 (COLESVILLE RD.) AT SECOND/WAYNE. INSTALL ONE NEW 12 PAIR COMMUNICATION CABLE TO EXISTING CABINET AT MD384 AND SECOND/WAYNE AS SHOWN ON PLANS. REMOVE EXISTING AND INSTALL ONE NEW 6 PAIR COMMUNICATION CABLE TO EXISTING MONTGOMERY COUNTY CAMERA AT MD 384 AND SECOND AVE./ WAYNE AVE.
- P - USE EXISTING CABINET. EXISTING 12 PAIR COMMUNICATION CABLE TO SECOND AVE/WAYNE AVE SHALL BE REROUTED TO PROPOSED CABINET AT LOWER LEVEL ENTRANCE.
- Q - USE EXISTING CABINET.
- R - NOT USED.
- S - INSTALL 2-4" POLYVINYL CHLORIDE (SCHEDULE 80) ELECTRICAL CONDUITS - SLOTTED.
- T - USE EXISTING HANDHOLE. COIL 30' OF EXTRA CABLE DURING MOT PHASE 1 OF COLESVILLE AT LLE SIGNAL PLAN FOR ULTIMATE CONNECTION OF INTERCONNECT TO NEW CABINET AT LOWER LEVEL ENTRANCE.
- U - USE PROPOSED HANDHOLE. COIL 30' OF EXTRA CABLE DURING MOT PHASE 1 OF COLESVILLE AT LLE SIGNAL PLAN FOR ULTIMATE CONNECTION OF INTERCONNECT TO NEW CABINET AT LOWER LEVEL ENTRANCE.

WIRING DIAGRAM



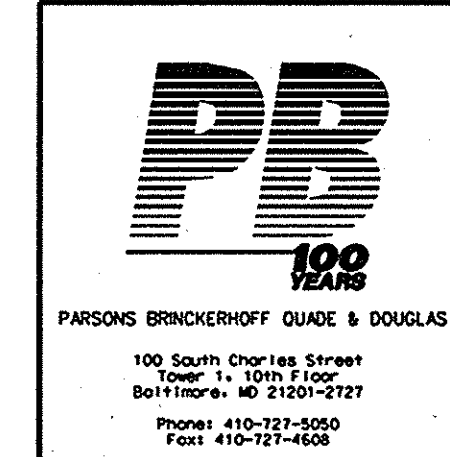
WIRING KEY

- a,b,e,f,g - NEW 12 PAIR TELEMETRY CABLE FOR I/C
- c - NEW 6 PAIR FOR MONTGOMERY COUNTY CAMERA
- d - REROUTED 6 PAIR FOR MONTGOMERY COUNTY CAMERA
- h - REROUTED 12 PAIR TELEMETRY CABLE FOR I/C

EQUIPMENT LIST

A. EQUIPMENT TO BE SUPPLIED BY MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION AND INSTALLED BY THE CONTRACTOR		
ITEM NO.	DESCRIPTION	QUANTITY
	NONE	
B. EQUIPMENT TO BE FURNISHED AND INSTALLED BY THE CONTRACTOR		
ITEM NO.	DESCRIPTION	QUANTITY
800000	4 INCH SCHEDULE 80 RIGID PVC CONDUIT - 2ND CONDUIT	245 LF
800000	PULL BACK & REROUTE I/C	920 LF
800000	REMOVE AND DISPOSE OF EXISTING CABLES	3895 LF
805155	4 INCH SCHEDULE 80 RIGID PVC CONDUIT - SLOTTED	245 LF
822000	6-PAIR TELEMETRY CABLE - JELLY FILLED (UNDERGROUND)	1580 LF
822002	12-PAIR TELEMETRY CABLE - JELLY FILLED (UNDERGROUND)	3380 LF

SHA No.: BW847M83
MD 384 @ Lower Entrance-Silver Spring Transit Center



APPROVALS

[Signature]
OWNER

[Signature] 9-18-06
ASST. DIV. CHIEF

[Signature] 9-18-06
DIVISION CHIEF

[Signature] 9/27/06
OFFICE DIRECTOR

SHA STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION

**MD384 FROM MD410 TO US29/MD97
AND WAYNE AVE. FROM MD382 TO US29**
SILVER SPRING, MARYLAND

INTERCONNECT PLAN

SCALE 1" = 40' DATE 08/25/2006 CONTRACT NO. BW996M82

DESIGNED BY KMP COUNTY MONTGOMERY
DRAWN BY JMN LOGMILE
CHECKED BY KMP CSW T.I.M.S. NO. H588 AND H589
F.A.P. NO. TOD NO.

TS NO. 2092C-IC2 DRAWING NO. 2 OF 2 SHEET NO. 12 OF 12

PLOTTED: THURSDAY, AUGUST 24, 2006 AT 07:01 PM
FILE: G:\17967A\01\PLANS\INTERCONNECT_IC2.DGN

BY: PERMISOHN